



Animal and Plant
Health Inspection
Service

Veterinary Services

Center for Veterinary
Biologics

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Leptospira pomona Polyclonal Antibody (LP PAb) - Lot ID IRP 04-482

Document Number: CVB-DAT-0077

Revision: 02

Previous Number: BB DAT0097.05

Vault: CVB-Released

Section/Area: CVB-DAT

Effective Date: 24 May 2021

Notes: *Strain or Source: Anti-LP serum (RO), Fill date: August 18, 2004*

United States Department of Agriculture
Animal and Plant Health Inspection Service
Center for Veterinary Biologics
P. O. Box 844
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1. **Reagent Name:** *Leptospira pomona* Polyclonal Antibody (LP PAb)
2. **Strain or Source:** Anti-LP serum (RO)
3. **Lot Number:** IRP 04-482
4. **Fill Date:** August 18, 2004
5. **Expiration Date:** April 30, 2022

Precautions: There are no known hazards associated with the use of this reagent.

6. **Intended Use:** For use in an enzyme-linked immunosorbent assay (ELISA) as described in **SAM 624** for serial release potency testing of leptospiral bacterins containing serovar *pomona*. This reagent may also be used in the microagglutination test.
7. **Instructions for Use:** Dilute LP PAb 1:4800 in carbonate-bicarbonate coating buffer according to **SAM 624**.
8. **Test of Reagent:** LP PAb has a serologic titer of $\geq 1:6,400$ against *L. pomona* antigen by the microagglutination test (MAT). MAT titers against other serovars are negligible. The optimal use dilution was determined by titration, using the assay described in **SAM 624**.
9. **Container Size, Type, Weight, or Volume:** 250 μ L aliquots in plastic microcentrifuge tubes
10. **Storage Conditions:** -20° to -80°C for long-term storage. Vial may be held at 2°- 7°C for several weeks.
11. **CVB Technical Contact:** Bacteriology Section, Center for Veterinary Biologics, (515) 337-7020 or FAX (515) 337-7673.
12. **Origin and Passage History:** Not applicable
13. **Method of Preparation:** LP PAb was prepared by hyperimmunizing New Zealand white rabbits with heat-inactivated whole cells of NVSL *L. pomona* challenge strain 11000 followed by an injection of viable whole cells. Individual rabbit sera were tested by MAT. Satisfactory sera were pooled, filtered, and frozen at -20°C or lower.

14. Other: None.

Reagent orders and feedback should be sent *including phone number* to the following email address: VS.DB.CVB.Reagent.Requests@usda.gov

Reagent orders forms (APHIS Form 2018) can be found on the CVB website.